

Providing a 3D printing solution for the Design & Manufacturing Service Facility, HKUST



Project Overview:



Client:

- Design & Manufacturing Service Facility, HKUST

Solution:

- Installing 3D Printing equipment for the facility to provide professional 3D Printing services for different faculties in school and other researchers, engineers and professionals outside of school.

Benefits of DTSL's Solution :

- A throughout setup of 3D printing equipment,
- An one-stop equipping service and technical support and
- Professional post-sales consultation services

Client's Benefits

- Convenience from one-stop services
- Professional post-sales consultation services and technical support
- Increases the client's work efficiency and product range



Background Information:

The Design & Manufacturing Service Facility is a central research facility of the HKUST, which is also open to public researchers, engineers and other professionals. The DMSF mainly provide engineering support to research activities and industrial applications. It also creates stimulus for collaboration and interaction between HKUST, local industries and international bodies.

Client's needs:

The DMSF would like to provide all rounded design and manufacturing services for in-school faculties and other out-of-school professionals by installing a 3D printer. The facility would like to promote and increase the usage of 3D printing technology. Ultimately improving the facilities' quality and project range.

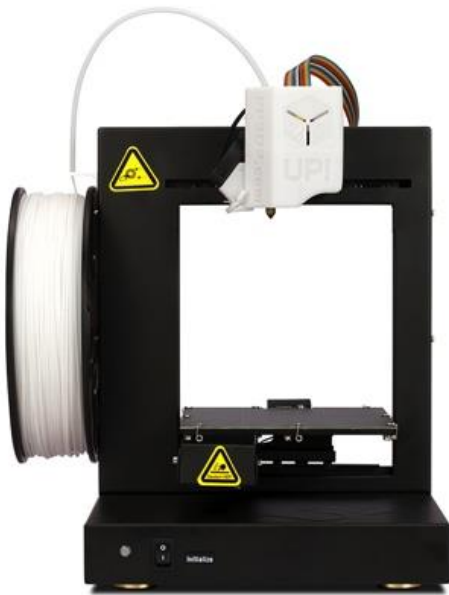


Fig. 1: Tiertime UP Plus 2 3D Printer

Solution :

The facility installed a desktop 3D printer in 2014. Mainly being *Tiertime's UP Plus 2 3D Printer*. The *UP Plus 2* is a economical and easy-to-use desktop 3D printer. With its *Full set of Automatic Platform Calibration System*, end users can easily be familiarized with the printer and the system.

DTSL's Service:

We installed the 3D printing equipment for the facility and provide full range technical support and post sales consultation service. Personnel from the facility can now use the 3D printer to create and build different models and teaching material, and thus designing a wider range of creative products.

Our technicians also provided basic operations training for the facility. Which allowed the institute to use the printer effectively to provide a better and more professional service for their clients.

Client's Benefit:

Upon setting up the 3D printing solution, the facility can provide a larger range of services and work with higher effectiveness and efficiency. Mr. William Wong, the senior technical officer of the DMSF believes the 3D printer can produces detailed models, which increases the facility's efficiency and service range. And praised DTSL's technicians of having full understanding of the printer's operations.